PARAMOUNT FERTILIZER.

What the Farmer Owea te Water.

"Think science, talk practice," was the opening sentence of Dr. E. L. Start, and the opening sentence of Dr. E. L. Start, and the opening sentence of Dr. E. L. Start, and the opening sentence of Dr. E. L. Start, and the opening sentence of Dr. E. L. Start, and the opening sentence of Dr. E. L. Start, and the opening sentence of the

After the in-roduction the paper considered first, the escape through the seven of aqueous vapor that has accument in the plants. This varies are seven the plants. This varies are seven the plants. This varies are seven the plants are seven the plants are seven the plants. This varies are seven the plants have resulted in the cool clasion that for every ton of dry and the rough the vegetation in other works at total order the plants are seven the plants are seven the plants are seven the plants are seven the plants are resulted in the cool clasion that for every ton of dry and the rough the vegetation in other works at total order the plants are resulted in the cool clasion that for every ton of dry and the rough the vegetation in other works at total order the plants are resulted in the cool classion that for every ton of dry and the rough the vegetation in other works at total order the plants are resulted in the cool classion that for every ton of dry and the rough the vegetation in other works are not classed through the vegetation in other works are not contained in a condition of the seed and soil. This not only said the seed in order to secure close contact for from two to three inches of rain. The smouth of water per acre, or an equivalent of from two to three inches of rain. The smouth of water per acre, or an equivalent to severe the section of every seed and soil. This not only said the seed in order to secure close contact of the seed and soil. This not only said the seed in order to secure close contact from \$300 to \$300 pounds of value from \$400 to \$35 tones of fifty bashels would amount to from two to three inches of rain. The smouth of water in the seed in order to secure close contact of the seed and soil. This not only said the seed in order to secure close contact of the seed and soil. This not only said the seed in order to secure close contact of

evaporation during the growing months is over 98 per cent, of the rainfall. Dur-ing the whole year the loss in over 50 per cent, of the rain fall. Having estab

from drought, and not bearing any mer-chantable ears. In the experience of farmers such evidence become graded, and can serve as a less intensified illus-

The summary of this practical data is that crops, under circumstances of inelligent farming, are more

DEPENDENT UPON THE WATER SUPPLY

that crose, under circumstated on the inligent farming are more than upon presented that the interior of the plants, bright out of the system and in of car of town people. The third of car of town people, the plants of the plants, bright ownership of pla

etc., and the disturbed rection gives of its own moisture to the atmosphere, and regains but little from the stored water below. In the spring, when water is abundant, no ill effects are perceived. In the summer, however, with shallow plowing, it is often difficult to secure germination of grasss seed, or the continued life of the weak seedling. The turning under of raw manure is injuritions to capillary action for a long pariod, and thus during the dry season injures the soit for the reception of crops.

The speaker next considered some chemical considerations showing that a small amount of plaster, common sal', and it is made to the small amount of plaster, common sal', and it is a speaker next considered some chemical considerations showing that a small amount of plaster, common sal', and it is a speaker next considered some chemical considerations showing that a small amount of plaster, common sal', and it is a speaker next considered some chemical considerations showing that a small amount of control of control to control the Bennington County Court.

The House of Correction closed the week with 75 inmates.

Pownal.

W. R. Bates' house was burned on Wednesday. The fire was discovered at o'clock, but had made such headway that nothing could be got out of the time. Mr. Bates was attending court at Bennington and his daughter was visiting. An old physician, retired from practic has placed in his hasds by an East India.

CONSUMPTION CURKD.

An old physician, retired from practic has placed in his hasds by an East India.

Sores, Ulcers, Sait Rheum, Pever Sores, Ulcers, Sait Screw, Sores, Ulcers, Sait Chemical Childhams, Comissant County Court.

We detered to the week with 75 inmates.

Pownal.

W. R. Bates' house was burned on Equition, or money refunded. Price 25 concept of the week with 75 inmates.

But the bennington County Court.

The House of Correction closed the week with 75 inmates.

Sores, Ulcers, Sait Rheum, Pever Sores Chemical Chemical Chemical Chemical Chemical Chemical Chemical Chemical Chemical Ch

chemical considerations showing that a small amount of plaster, common salignment of sods or nitrate of sods, incorporated with the soil tends to reduce the quantity of water evaporated by the plant, in some cases more than fifty percent. A free alkali like potash has the same result. This shows that certain modifications upon the water relation of the soil, are produced by fertilizers. Reference was also made to the property that clay has of swelling when wet, and that clay has of swelling when wet, and provement in looks and utility. shrinking as it dries, by which itso dogs
the pores as to obstruct the capillary
passage of water. The application of
lime, salt or alum it is believed often
improves the drainage and capillary
powers by opening the pores when clog
red to the ressage of the water.

and as stagnant water and over much

the opening sentence of Dr. E. L. Sturtevant's extreemely interesting paper better fore the State Board of Agriculture this week. He continued with the idea that the duty of lecturer or teacher is to stimulate thought, remembering that to secure success thought always takes the precedence, and that any practical conclusion depends upon the fullness and correctness of the thought that precedes.

After the inroduction the paper considered first, the escape through the fullness and the first of the fullness and the first of the fullness and the precedes. The first of the fullness and the precedes of the thought that precedes the first of the fullness and the fulln

WISE AND OTHERWISE

"Jack shall pipe and Gill shall dance"

vent by the mulch of loose soil the access of water to the surface to be evaporated, and thus economize the water in the lower soil for future needs. Re often while the preacher was talking?
"I know," said Willie confidentially
"Well. Willie," said his mother, "wh
is it ?" "It's a way he has of callin

and the Elijah of life.

Market day, Tuesday, Rutland was full of cu: of town people. The rail roads brought in large numbers—the News Notes From t e Odd Fellows and

DEFERRED COUNTY NEWS.

Ruttand.

show to be \$11,637 gallons per acre, the rain fall being 2.86 inches; in 1885, cuttivating the surface saved 5648 gallons per acre. The practical conclusion is that frequent stirring of the upper layers of the soil breaks the connection with the evaporating surface and conserves moisture to a very large extent. When the soil, as is the case when water stagnates in the earth, becomes hard or puddled, the water moves very rapidly towards the surface and disappears as aqueous vapor. This explains in part the spunce, and also explains in part the spunce.

| Constitution of the Marble City and the Marble City and the Marble City and selectric lights omepany goes into operation operation.

| The Masons of Philadelphia have an art associa ion with 714 and 38 life members. During the past year a full length portrait of Past Grand Master John Thompson has been placed in lonic and at the same time redeemed its expense. The fown or city in New England which has a spuring the past year a full length portrait of Past Grand Master John Thompson has been placed in lonic at the same time redeemed its expense. The fown is prosperous, taxes lighter and labor been placed in the control of Past Grand Master John Thompson has been placed in the control of Past Grand Master John Thompson has been placed in the control of Past Grand Master John Thompson has been placed in the control of Past Grand Master John Thompson has been placed in the control of Past Grand Master John Thompson has been placed in the control of Past Grand Master John Thompson has been placed in the control of Past Grand Master John Thompson has been placed in the control of Past Grand Master John Lang Past Grand Master John Lang Past Grand Master John Lang Past Gr

wetness in spring and drought in summer, and also explains in part the apparent paradox that drained soil often contains more water in a drought than does soil that is undrained.

In plowing, the drained soil does not rest in close contact with the under soil until consolidation is effected by rainetc,, and the disturbed section gives of its own moisture to the atmosphere, and regains but little from the stored water.

The House of Correction closed the Buckley's Activation aims to take the Philadelphia Art Association aims to to the membership, the intellectual to the moral, the esthetic, the masonic, enjoyment and enlightment which will result from the work of the association and which will richly recompense for all expenditure of time and money that may be devoted to it.

Several Rutland lawyers are attending the Buckley's Activation aims to to the membership, the intellectual to the moral, the esthetic, the masonic, enjoyment and enlightment which will result from the work of the association and which will richly recompense for all expenditure of time and money that may be devoted to it.

The House of Correction closed the

On Tuesday evening at Parker hall Beware of Continents for Catarch the Contain Mercury.

The monument to Homer O. Merchant and counsilet by derrange the much has been placed in position. powers by opening the poies when clog ged to the passage of the water.

Finally in summing it up, the speaker, taking the core plant for illustration, told how he would attempt to once a Maximum crop.

First be width base well drained

Demosthenes, the German orator, they will do see the fold to the good you contain the core plant for illustration, told how he would attempt to once a many are the modern orators who have cured their hoarseness by an occasional dose of Dr.

First be width base well drained

Bull's Cough Syrup.

THE FORGETFUL BOY. Mrs. Verbosity wanted a package of wast powder, the other day.

"Oh, dear," she sighed, "I shall have to send William after that year, and he has such a bad memory! I do declare. I never saw such a forgetful child in my life. He torments the soul out of me. Every time I send him to the store he A circus tumbler should never be full. Pears' Soap is an elegant toilet adjunct. Donbtful flattery : Mand : "How do ou like my gown?" Mabel : "You look ery nice in it; I never should have magined it wou'd change you so." rings back something I didn't send him

just as long out in the open barn as they please. The free born American they please. The free born American citizen don't fear neuralgia with Salva-Then raising her voice, she called:

ing for, yeast; not lurnips, nor carrots, nor any kind of vegetables—1 got them this morning you know. Remember, you've got a bad memory, and don't—"

some extractions with the surface and precent. of the rain fall. Having estathished these theory noticed the following peropeations, which are verified bycommon experience: crops above the surface of the common experience.

The surface of the rain fall. Having estathished these theory noticed the following peropeations, which are verified bycommon experience: crops a between
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If it would improve me as much as it praise, - A purer medicine does not exdid the peaches, folks would think I'd ist and it is guaranteed to do all that is ist and it is guaranteed to do all that i claimed. E'ectric Bitters will cure all diseases of the Liver and Kidneys, will remove Pomples, Boils, Salt Rheum and other affections caused by impure blood.

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torpid, and poisonous humors are erefore forced into the blood that

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should be expelled naturally

An Etderly Traveler Who Was Puzzled to Find Something to Kick About. He was a large, etderly man, with an expression of discontent in his face, and when the porter had deposited his traveling b g in a section of the sleeping car the elderly man looked around at the vent laters, then critically at his neighbor across the sisle and then he said to

the porter:
"Where do we stop for supper?"
"the train, str." 'Dining car on the train, sir," was "Is hey; what time is supper ready?"
"Its being served now, sir,"
"Is, hey;—h'm; what time do we get

Connect there with train from Bos "Wait long?"

"No \*ir; only ten minites,"
"H'm; what time do we get to Buf-"Six fifteen to-morrow morning."
"What time does the next train leave Buffalo for Cleveland after we get there: "Six forty, sir."
The elderly man looked over his spectacles at the porter for a moment, and

then said : "Want my ticke.?" "No, sir; the conductor will take it "H'm-does that Cleveland train pass rough Dunkisk?"
"Yes, sir,"
"What time?"

"Six forty-three,"
"How big a town is Dunkirk?"
"About 10 000 inhabitants, sir." The clderly man seemed to be annoyed bout something, and as the dialogue entinued he became more so. He eyed he porter again and asked:
"What time does the train reach

"Three minutes past 8, sir. How much bigger is Erie than Dun-'About four times, sir."

This concluded the interview. The corter walked away and the elderly gentleman sat down; but he didn't seem to feel easy. He glared at the passenger across the ai-le, (then he took off his overcoat, sat down and commenced reading the evering paper but threw it aside almost immediately and, riding again, walked gloomily to the bock end of the car and looked out of the window. Then he went back to his seat and sat there sullenly until the porter came that way ngain, when he said:
"See here, young man, if I take that 5:40 train from Buffalo tomorrow mornof Back or Hip. Dry Cough, Flatulence, Sor Stomagh, General Debility, Loss of Appetite, &c., ng, what connection can I make at Chicago for a northwestern train that tops at Kenosha, Wis.?"
"I don't know, sir."

The elderly man eved the porter fiercely for a moment through his spec-tacles, then over them, and then he said areastically. 'You don't krow !"

"No, sir. You see-" "I see, yes I see, you don't know. When a passenger asks you a civil ques-tion—you don't know. Great Scott! Why don't the railroad companies hire wooden dummies and save expense? Say, do you know beans when you see em? Do you know when st's night?
Why don't you travel sround with your eyes open? Say, why don't you-just one day? I would if I was you!" And as the porter went quietly about his business the elderly man took up his newspaper sgain. He seemed to feel re contented after that .- Detroit Fre

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With Ayer's Hair Vigor. Its cleanliness, beneficial effects on the scalp, and ARCHITECTS & BUILDERS lasting perfume commend it for uni versal toilet use. It keeps the hair soft and silken, preserves its color, prevents it from falling, and, if the hair has become weak or thin, promotes a new growth. "To restore the original color of my hair, which had turned prematurely gray, I used Ayer's Hair Vigor with en-tire success. I cheerfully testify to the

Efficacy

"A few years ago I suffered the entire loss of my hair from the effects of tetter. I loped that after a time nature would repair the loss, but I waited in vain. Many remedies were suggested, none, however, with such proof of merit as

however, with such proof of merit as Ayer's Hair Vigor, and I began to use it. The result was all I could have desired. A growth of hair soon came out all over

my head, and grew to be as soft and heavy as I ever had, and of a natural color, and firmly set."—J. H. Pratt, Spofford, Texas.

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Sold by Druggiets and Perfumers.

CURES

of this preparation."-Mrs. P. H. Davidson, Alexandria, La. son, Alexandria, La.

"I was afflicted some three years with scalp disease. My hair was falling out and what remained turned gray. I was induced to try Ayer's Hair Vigor, and in a few weeks the disease in my scalp disappeared and my hair resumed its original color."—(Rev.) S. S. Sims, Pastor U. B. Church, St. Bernice, Ind.

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